

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Water Tank Rehabilitation	PROJECT NUMBER:	704
LOCATION:	Various	Committed/Spent as of	\$0
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Water		

DESCRIPTION:

Painting of the tanks is a cyclic program and must be expected to repeat on a 7 to 10 year cycle. The next tank painting cycle is expected to be necessary in 2007 and continuing each year through 2009.

JUSTIFICATION:

Painting of the tanks is required to maintain water quality and to maintain the tank structure.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design								0
Construction		200,000	240,000	275,000				715,000
Inspection		20,000	20,000	25,000				65,000
Equipment								0
Other		6,000	7,000	7,000				20,000
Total \$	0	226,000	267,000	307,000	0	0	0	800,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$								0
Operating Funds		226,000	267,000	307,000				800,000
Non City Funds								0
Total \$	0	226,000	267,000	307,000	0	0	0	800,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: None

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PROJECT TITLE:	Second Street Force Main	PROJECT NUMBER:	705
LOCATION:	From 2 nd Street Pumping Station to Bembe Beach Road in the vicinity of Awald Road	Committed/Spent as of	\$0
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Wastewater		

DESCRIPTION:

Replacement of the 71-year-old sewage force main running under Back Creek from the 2nd Street Pumping Station to its discharge point into the gravity sewer on Bembe Beach Road.

JUSTIFICATION:

Should failure occur, this replacement is critical in order to prevent a possible environmental incident in which 4,500,000 gallons of raw sewage could be discharged into the Chesapeake Bay each day if the old pipe line were to fail.

STATUS:

A design study has been completed, with the determination that there is no immediate need for replacement. Concept plans are complete and on file in the event of an emergency.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design		100,000						100,000
Construction		1,030,000						1,030,000
Inspection		90,000						90,000
Equipment								0
Other		200,000						200,000
Total \$	0	1,420,000	0	0	0	0	0	1,420,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$		1,420,000						1,420,000
Operating Funds								0
Non City Funds								0
Total \$	0	1,420,000	0	0	0	0	0	1,420,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: Some savings in the annual electrical expenses for the 2nd Street Pumping Station will occur due to the reduced pumping head of the new pipe.

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Pump Station Replacements	PROJECT NUMBER:	706
LOCATION:	Whiton Court, Bywater Road, and Annapolis Roads Pumping Stations	Committed/Spent as of	\$556,050
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Wastewater		

DESCRIPTION:

Total replacement of existing sewage pumping stations with new concrete wet wells and submersible pumps, controlled by variable speed drives.

JUSTIFICATION:

All three stations are pre-fabricate "Tin Can" pumping stations that consist of an underground steel shell containing the pumps and controls to pump the wastewater collected from the neighborhood to the wastewater treatment plant on Edgewood Road. These stations are in excess of 30 years old and the steel containment vessel is at the end of it's design life.

STATUS:

Annapolis Roads pumping station is complete. Bywater pumping station scheduled for Summer 2006 with Whiton Court to follow.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design	70,000		36,000					106,000
Construction	700,000		415,000					1,115,000
Inspection	40,000		20,000					60,000
Equipment								0
Other	84,000		42,000					126,000
Total \$	894,000	0	513,000	0	0	0	0	1,407,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$								0
Operating Funds	894,000		513,000					1,407,000
Non City Funds								0
Total \$	894,000	0	513,000	0	0	0	0	1,407,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: Small reduction in operating and maintenance cost associated with more modern and efficient equipment.

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Emergency Water Connections	PROJECT NUMBER:	711
LOCATION:	Neal Street	Committed/Spent as of	\$280
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Water		

DESCRIPTION:

A 12" connection between adjacent 16" water mains owned by the City and Anne Arundel County to provide emergency water supplies to either jurisdiction.

JUSTIFICATION:

Currently there are no "hard pipe" connections between the two systems and emergency services must rely on fire dept. pumper trucks.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land	\$							0
Design		10,000						10,000
Construction		100,000						100,000
Inspection		10,000						10,000
Equipment								0
Other								0
Total	\$	0	120,000	0	0	0	0	120,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds	\$							0
Operating Funds	30,000	30,000						60,000
Non City Funds		60,000						60,000
Total	\$	30,000	90,000	0	0	0	0	120,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:

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PROJECT TITLE:	Stormwater Management Retro-Fit	PROJECT NUMBER:	712
LOCATION:	Public Works Facility on both sides of Spa Road	Prior Years' Spending as of 04/01/06:	\$0
DEPARTMENT:	Public Works		
DIVISION:	Stormwater Management		

DESCRIPTION:

Installation of a Bio-Retention feature in the vicinity of the Salt Dome and the installation of three Oil/Water Separators to collect and treat the rainwater runoff from the operational areas of this Public Works area.

JUSTIFICATION:

These items were recommended as a result of an inspection of the Public Works Facility by the Center for Watershed Protection and the Spa Creek Conservancy.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design		10,000						10,000
Construction		80,000						80,000
Inspection		5,000						5,000
Equipment								0
Other		8,000						8,000
Total \$	0	103,000	0	0	0	0	0	103,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$		103,000						103,000
Operating Funds								0
Non City Funds								0
Total \$	0	103,000	0	0	0	0	0	103,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:

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PROJECT TITLE:	Water Storage Tank	PROJECT NUMBER:	713
LOCATION:	To Be Determined	Committed/Spent as of	\$43,490
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Water		

DESCRIPTION:

This project is for a new water tank that will provide one million additional gallons of water storage. The location of the new storage facility is dependent upon available land and the hydraulics of the City's water distribution system. If necessary, funds for land acquisition are provided.

JUSTIFICATION:

The recommended water storage volume for a city of our size is one average day's usage, which is approximately 4.75 million gallons (summer usage average is 6.0 million gallons per day). Currently, we have a usable storage of 3.75 million gallons.

STATUS:

A second 1,000,000 gallon tank site is needed and is being explored.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land	\$ 100,000							100,000
Design	245,570							245,570
Construction			2,200,000					2,200,000
Inspection			50,000					50,000
Equipment								0
Other			134,080					134,080
Total	\$ 345,570	0	2,384,080	0	0	0	0	2,729,650

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds	\$		2,384,080					2,384,080
Operating Funds		345,570						345,570
Non City Funds								0
Total	\$	345,570	2,384,080	0	0	0	0	2,729,650

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: This will reduce annual electrical costs at the Water Plant by allowing continuous pumping at a lower rate.

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	German Street Drainage Improvements	PROJECT NUMBER:	714
LOCATION:	End of German Street, adjacent to Constitution Square	Prior Years' Spending as of 04/01/06:	\$0
DEPARTMENT:	Public Works		
DIVISION:	Stormwater Management		

DESCRIPTION:

Install a storm drain system to convey the rain water from the sump area at the end of German Street to an existing storm drain at the intersection of Constitution Square and Constitution Ave.

JUSTIFICATION:

The existing conditions restrict the overland flow from German Street run-off into the back yards of the residential properties on Constitution Square.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land	\$	10,000						10,000
Design		21,000						21,000
Construction			55,000					55,000
Inspection			15,000					15,000
Equipment								0
Other			15,000					15,000
Total	\$	0	31,000	85,000	0	0	0	116,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$		31,000	85,000					116,000
Operating Funds								0
Non City Funds								0
Total \$	0	31,000	85,000	0	0	0	0	116,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: Additional operating cost of cleaning and maintaining the inlets and pipes of this new extension of the storm drain system.

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	City Dock Bulkhead Replacement	PROJECT NUMBER:	715
LOCATION:	City Dock from Harbor Master Bldg to DNR	Committed/Spent as of	\$88,200
DEPARTMENT:	Mayor's Office	04/01/06	
DIVISION:	Dock		

DESCRIPTION:

Replacement of existing timber bulkhead with steel bulkhead material. Phase I will include the section from The Harbor Master Building to the Harbor Queen berth and around Susan Campbell Park to the bulkhead at the Pilot Boat berth. Phase II picks up from the Pilot Boat berth along the DNR Building bulkhead and to the end of the Prince George Street End Park.

JUSTIFICATION:

The existing timber bulkhead has been showing signs of failure for years.

STATUS:

Waterway Improvement Funds have been approved and Federal grant is pending. Design is underway.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design	100,000							100,000
Construction	1,300,000	1,240,000	1,500,000					4,040,000
Inspection	100,000							100,000
Equipment								0
Other								0
Total \$	1,500,000	1,240,000	1,500,000	0	0	0	0	4,240,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$								0
Operating Funds	500,000	340,000	750,000					1,590,000
Non City Funds	1,000,000	900,000	750,000					2,650,000
Total \$	1,500,000	1,240,000	1,500,000	0	0	0	0	4,240,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Bulkhead Evaluations	PROJECT NUMBER:	717
LOCATION:	Various	Committed/Spent as of	\$0
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Dock		

DESCRIPTION:

Inspection, evaluation, design and reconstruction of bulkheads or the installation of floating docks and improvements at various street ends. Prince George St., Fifth St. on Spa Creek, Fourth St. on Back Creek, Awald Road, Northwest St., and the Back Creek Park are some of the locations currently identified.

JUSTIFICATION:

Street end park on Fifth Street is eroding into the water. Other areas are being evaluated.

STATUS:

Waterway Improvement funding is pending.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design	25,000							25,000
Construction	100,000							100,000
Inspection	10,000							10,000
Equipment								0
Other	10,000							10,000
Total \$	145,000	0	0	0	0	0	0	145,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$								0
Operating Funds	46,000							46,000
Non City Funds	99,000							99,000
Total \$	145,000	0	0	0	0	0	0	145,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Multi-Modal Traffic Mitigation	PROJECT NUMBER:	718
LOCATION:	Various	Committed/Spent as of	\$0
DEPARTMENT:	Transportation	04/01/06	
DIVISION:	Administration		

DESCRIPTION:

Combined multi-modal projects to reduce historic district traffic; Enhanced lighting, passenger shelters, informational signage and other user amenities; Parking information for municipal gateways; transit arrival information at passenger shelters; an on-call feature to dispatch taxis to bus shelters for after hours service; A way finding signage system to enable pedestrians and bike riders to navigate the City's narrow streets with confidence; Bike racks linked to the regional Smartcard system to make another alternative mode available to all both commuters and tourists; A water bus system would connect the City dock with both nearby residences and outlying employment centers; and potentially a ferry for Baltimore commutation.

JUSTIFICATION:

Transportation projects center on intercept parking and alternative transportation methods along the main entrances into the historic downtown area. This would create an enjoyable intra and inter model transportation system, regularly serving City and County sites and the Baltimore inner harbor. It would be environmentally friendly, wheelchair accessible and Smartcard compatible

STATUS:

Searching for funding.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design			100,000					100,000
Construction								0
Inspection								0
Equipment								0
Other			200,000					200,000
Total \$	0	0	300,000	0	0	0	0	300,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$								0
Operating Funds			30,000					30,000
Non City Funds			270,000					270,000
Total \$	0	0	300,000	0	0	0	0	300,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Wastewater Pump Replacement Program	PROJECT NUMBER:	719
LOCATION:	Truxtun, Monterey, Porter, Bristol and Admiral Drive pumping stations.	Committed/Spent as of	\$9,550
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Wastewater		

DESCRIPTION:

Replacement of sewage pumps with new pumps utilizing variable speed controls.

JUSTIFICATION:

The named pumping station pumps are in need of repair and / or replacement. New pumps with variable speed drives result in longer pump life, reduced energy consumption and more constant flow in down stream pipes.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land	\$							0
Design	30,000							30,000
Construction	250,000							250,000
Inspection	25,000							25,000
Equipment								0
Other	50,000							50,000
Total	\$	355,000	0	0	0	0	0	355,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds	\$							0
Operating Funds	355,000							355,000
Non City Funds								0
Total	\$	355,000	0	0	0	0	0	355,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: Reduced energy consumption.

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Second Street Sewage Pumping Station	PROJECT NUMBER:	720
LOCATION:	Second Street at Back Creek	Committed/Spent as of	\$0
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Wastewater		

DESCRIPTION:

Replace existing out dated and un-safe motor control center (MCC) at this ca.. 1934 facility.

JUSTIFICATION:

The existing equipment is out dated, replacement parts are difficult to secure and the equipment does not meet current national electrical code standards.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design	10,000							10,000
Construction		70,000						70,000
Inspection		5,000						5,000
Equipment								0
Other		15,000						15,000
Total \$	10,000	90,000	0	0	0	0	0	100,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$								0
Operating Funds	10,000	90,000						100,000
Non City Funds								0
Total \$	10,000	90,000	0	0	0	0	0	100,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Watershed Restoration	PROJECT NUMBER:	721
LOCATION:	Various	Prior Years' Spending as of 04/01/06:	\$0
DEPARTMENT:	Public Works		
DIVISION:	Stormwater Management		

DESCRIPTION:

A study to develop a plan of action to be followed by design and construction of stabilization, retro-fits and mitigation measures for the eroding stream beds and watershed areas in each of the five creeks throughout the City.

JUSTIFICATION:

To prevent further degradation of City creeks.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design		100,000	25,000	25,000	25,000			175,000
Construction			225,000	225,000	225,000			675,000
Inspection			15,000	15,000	15,000			45,000
Equipment								0
Other			5,000	5,000	5,000			15,000
Total \$	0	100,000	270,000	270,000	270,000	0	0	910,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$			70,000	70,000	70,000			210,000
Operating Funds		100,000						100,000
Non City Funds			200,000	200,000	200,000			600,000
Total \$	0	100,000	270,000	270,000	270,000	0	0	910,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: None

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	New Water Well	PROJECT NUMBER:	722
LOCATION:	Water Treatment Plant	Committed/Spent as of	\$400
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Water		

DESCRIPTION:

The recent failure of production with well #8 has resulted in reduced water plant capacity.

JUSTIFICATION:

This new well will replace the lost capacity of well #8 and insure an adequate water supply during high demand periods.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design	50,000							50,000
Construction	500,000							500,000
Inspection	20,000							20,000
Equipment								0
Other	30,000							30,000
Total \$	600,000	0	0	0	0	0	0	600,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$								0
Operating Funds	600,000							600,000
Non City Funds								0
Total \$	600,000	0	0	0	0	0	0	600,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Porter Drive Outfall	PROJECT NUMBER:	723
LOCATION:	Porter Drive @ Weems Creek	Committed/Spent as of	\$0
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Stormwater Management		

DESCRIPTION:

Phase II design and construction of additional stabilization and mitigation measures for the eroding stream bed that leads to Weems Creek. This project will be additional work to compliment the first phase completed in FY05.

JUSTIFICATION:

To prevent further erosion of the stream bed and deposition of sediments into Weems Creek.

STATUS:

State funding is being explored.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design			25,000					25,000
Construction			400,000					400,000
Inspection			25,000					25,000
Equipment								0
Other			50,000					50,000
Total \$	0	0	500,000	0	0	0	0	500,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$								0
Operating Funds			100,000					100,000
Non City Funds			400,000					400,000
Total \$	0	0	500,000	0	0	0	0	500,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: None.

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Filter Valve Controls	PROJECT NUMBER:	724
LOCATION:	Water Treatment Plant	Prior Years' Spending as of 04/01/06:	\$0
DEPARTMENT:	Public Works		
DIVISION:	Water Plant		

DESCRIPTION:

Replacement of old pneumatic/hydraulic valve control system with modern valve operators

JUSTIFICATION:

The existing system is out dated and repair parts are not available. Currently when repairs are needed, special parts machining are required and such cost are very expensive. Failure of the existing system could cripple the ability of the water plant to meet the demand of the City for water.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land	\$							0
Design		41,000						41,000
Construction		398,000						398,000
Inspection		25,000						25,000
Equipment								0
Other		8,000						8,000
Total	\$	0	472,000	0	0	0	0	472,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds	\$							0
Operating Funds		472,000						472,000
Non City Funds								0
Total	\$	0	472,000	0	0	0	0	472,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: Small reduction in maintenance cost of water plant due to new equipment.

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Sewer Rehabilitation	PROJECT NUMBER:	725
LOCATION:	City Wide	Committed/Spent as of	\$0
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Wastewater		

DESCRIPTION:

A major section of the City's sewer system was constructed in the 1930's and the larger pipe lines were constructed of concrete pipe. Over the past sixty-plus years, the concrete pipe has been deteriorated by the sewer gases. Due to location and development over and around these sewer lines, slip lining of the existing sewer is the most cost effective repair.

JUSTIFICATION:

TV inspection of approximately 9,000 feet of the suspect concrete pipe has shown varying degrees of pipe failure.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design	50,000		80,000	30,000				160,000
Construction			3,550,000	900,000				4,450,000
Inspection			50,000	50,000				100,000
Equipment								0
Other	250,000		225,000	78,070				553,070
Total \$	300,000	0	3,905,000	1,058,070	0	0	0	5,263,070

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$			3,905,000	1,058,070				4,963,070
Operating Funds	300,000							300,000
Non City Funds								0
Total \$	300,000	0	3,905,000	1,058,070	0	0	0	5,263,070

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: When completed, a reduction of inflow and infiltration should be noted and reflect in a reduction of flow at the WWTP.

CAPITAL IMPROVEMENTS PROGRAM FY 2007

PROJECT TITLE:	Clear Well Replacement	PROJECT NUMBER:	942
LOCATION:	Water Treatment Plant	Committed/Spent as of	\$120,380
DEPARTMENT:	Public Works	04/01/06	
DIVISION:	Water		

DESCRIPTION:

The existing clear well is open to the atmosphere. This water is pumped directly into the distribution system with only the addition of chlorine.

JUSTIFICATION:

Replacement with two 1,000,000 gallon concrete ground level tank will remove contamination threat and provide for emergency storage.

STATUS:

As of January 2006, design is 90% complete and construction scheduled for late summer, 2006.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Land \$								0
Design	114,300							114,300
Construction	900,000	420,700						1,320,700
Inspection	40,000							40,000
Equipment								0
Other		83,000						83,000
Total	\$ 1,054,300	503,700	0	0	0	0	0	1,558,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	TOTAL
Bond Funds \$	689,300	503,700						1,193,000
Operating Funds	365,000							365,000
Non City Funds								0
Total	\$ 1,054,300	503,700	0	0	0	0	0	1,558,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: